

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/027999 A (SANYO ELECTRIC CO ; INOUE MASUTAKA (JP); MORI YUKIO (JP); MURATA HARUH) 3 April 2003 (2003-04-03) the whole document & EP 1 439 518 A (SANYO ELECTRIC CO) 21 July 2004 (2004-07-21) abstract paragraphs '0001!, '0002!, '0008!, '0012!, '0013!, '0016!, '0017!, '0019!, '0023! - '0025!, '0029!, '0031! - '0041!; figures 1,2,5,8	1-6, 9-13, 15-21, 23-25, 27-29
Y	EP 1 225 557 A (MATSUSHITA ELECTRIC IND CO LTD) 24 July 2002 (2002-07-24) paragraphs '0012! - '0015!	14, 26
Y		14, 26

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

16 September 2004

Date of mailing of the international search report

24/09/2004

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Information on patent family members

International Application No

PCT/IB2004/002057

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
WO 03027999	A	03-04-2003	EP WO	1439518 A1 03027999 A1	21-07-2004 03-04-2003
EP 1439518	A	21-07-2004	EP WO	1439518 A1 03027999 A1	21-07-2004 03-04-2003
EP 1225557	A	24-07-2002	EP CN WO JP TW	1225557 A1 1377495 T 0126085 A1 2001350442 A 472277 B	24-07-2002 30-10-2002 12-04-2001 21-12-2001 11-01-2002